

WHAT IS CLAIMED IS:

1. A connector mounting structure for electrically connecting terminals extending from a housing with lands on a circuit board by soldering, comprising:

a first molten solder provided between the housing and the circuit board for supporting the housing while raising it from the circuit board;

a second molten solder provided between a terminal and a land for positioning the supported housing such that the terminal come to be located in the center of the land by the action of surface tension; and

a fastener for mechanically fastening the positioned housing on the circuit board with the first and second molten solders solidified by cooling.

2. A connector mounting structure according to claim 1, wherein the first molten solder is provided between the housing and the circuit board by reflowing a solder paste applied to the outer surface of the circuit board to be held in contact with the bottom surface of the housing.

3. A connector mounting structure according to claim 2, wherein the second molten solder is provided between the terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the

terminal.

4. A connector mounting structure according to claim 2, wherein the solder paste is applied to such a position near the fastener as to be reflowable to the fastener.

5. A connector mounting structure according to claim 4, wherein the second molten solder is provided between the terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the terminal.

6. A connector mounting structure according to claim 1, wherein the second molten solder is provided between the terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the terminal.

7. A connector mounting method for electrically connecting terminals extending from a housing with lands on a circuit board by soldering, comprising:

a first step of supporting the housing while raising it from the circuit board by a first molten solder provided between the housing and the circuit board;

a second step of positioning the supported housing such

that the terminal come to be located in the center of the land by the action of surface tension of a second molten solder provided between the terminal and the land; and

a third step of mechanically fastening the positioned housing onto the circuit board with the first and second molten solders solidified by cooling.

8. A connector mounting method according to claim 7, wherein the first molten solder is provided between the housing and the circuit board by reflowing a solder paste applied to the outer surface of the circuit board to be held in contact with the bottom surface of the housing.

9. A connector mounting method according to claim 8, wherein the second molten solder is provided between the terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the terminal.

10. A connector mounting method according to claim 8, wherein the solder paste is applied to such a position near the fastener as to be reflowable to the fastener.

11. A connector mounting method according to claim 10, wherein the second molten solder is provided between the

terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the terminal.

12. A connector mounting method according to claim 7, wherein the second molten solder is provided between the terminal and the land by reflowing a solder paste applied to the outer surface of the land to be held in contact with the terminal.